



THE ASSAM GAZETTE

অসাধাৰণ

EXTRAORDINARY

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GOVERNMENT OF ASSAM

ORDERS BY THE GOVERNOR

ASSAM ELECTRICITY REGULATORY COMMISSION

NOTIFICATION

The 18th June, 2024

No. AERC.608/2017/75.-

Assam Electricity Regulatory Commission (Grid Interactive Solar PV Systems) Regulations, 2019 (First Amendment) 2024

WHEREAS, the National Electricity Policy notified by the Central Government mandates promotion of renewable technology on sustainable basis. Among the various renewable sources, the solar power offers clean, climate-friendly, abundant and inexhaustible energy resource;

AND WHEREAS there is a large potential available for generating power using unutilized space on rooftops and wastelands around buildings, installation of rooftop Solar PV projects by the consumers would enhance grid stability and reduce distribution losses and also result in saving in electricity bills of the consumer and sale of surplus power to the distribution licensee through net metering;

AND WHEREAS the Assam Electricity Regulatory Commission, recognized the need for a Net/ EXIM metering based regulations, for rooftop Solar PV projects, to address the regulatory domain for implementation of grid connected based rooftop Solar projects; The Assam Electricity Regulatory Commission (hereinafter referred as “the Commission”) notified the AERC (Grid Interactive Solar PV Systems) Regulations, 2019, (hereinafter referred as “the Principal Regulations, 2019”); which were published in the ASSAM GAZETTE, dated 6th August, 2019.

Further, the Government of Assam notifies the Assam Renewable Energy Policy, 2022 dated 13th Oct, 2022, which states that, the maximum capacity of grid connected RTS plant to be installed at any individual consumer establishments shall be equal to the sanctioned load (in KW) or the contract demand (in KVA) of the consumer. Based on the prayers of APDCL, CSIR North East and NFR ministry of Railways and in exercise of the powers

conferred by section 181, read with sections 61, 66, 86(1)(e) and 181 of the Electricity Act, 2003 (Act 36 of 2003) and all other powers enabling it in this behalf, the Assam Electricity Regulatory Commission after previous publication, amends the following Regulations for the Grid Interactive Solar Photovoltaic (PV) systems.

REGULATIONS

1. SHORT TITLE AND COMMENCEMENT:

- 1.1. These regulations may be called the “Assam Electricity Regulatory Commission (Grid Interactive Solar PV Systems) Regulations, 2019 (First Amendment), 2024.
- 1.2. These regulations shall extend to the whole of the State of Assam.
- 1.3. These regulations shall come into force from the date of their publication in the Assam Gazette.

2. ELEGIBLE CONSUMER, INDIVIDUAL PROJECT CAPACITY AND INTERCONNECTION VOLTAGE:

Regulation 6.3 of the Principal Regulations, shall be substituted as under-

The Solar panel capacity of Grid Interactive Solar System to be installed at any eligible consumer premises shall be between of 1 kWp to 1000 kWp restricted to

- LT category consumers, the solar panel capacity of any individual consumer will be limited to 100% of the connected load/contract demand wherever interconnection with the grid is technically feasible.
- For HT category consumers, the solar panel capacity of any individual consumer will be limited to 100% of the connected load/contract demand wherever interconnection with the grid is technically feasible.

Provide that, the cumulative capacity of Grid connected RTS plant to be allowed at a particular distribution transformer shall not exceed 80% of the capacity of distribution transformer or any transformer.

Provided that, there shall be no restriction on State Generating Companies or Distribution licensee installing bigger plants, subject to their compatibility with the system and necessary safety measures taken.

M. K. DEKA (RETD.),
Secretary,
Assam Electricity Regulatory Commission.